Author Index

Aizinbud, E., *see* Schindler, D. et al.
Andersen, L.L.I., Poulsen, O.M. and Hau, J. (Frederiksberg, Denmark)
Maternal plasma levels of alpha-fetoprotein during oestrous cycles and pregnancy in mice 157
Basrur, P.K., *see* Stubbings, R.B. et al.
Bizelis, J.A., Deligeorgis, S.G. and Rogdakis, E. (Athens, Greece)
Puberty attainment and reproductive characteristics in ewe lambs of Chios and Karagouniki breeds raised on two planes of nutrition 197
Bolt, D.J., (Beltsville, MD, U.S.A.), Scott, V. and Kiracofe, G.H. (Manhattan, KS, U.S.A.)
Plasma LH and FSH after estradiol, norgestomet and Gn-RH treatment in ovariectomized beef heifers 263
Boomarov, *see* Hochereau-De Reviers, M.-T. et al.
Britt, J.H., *see* Ziecik, A.J. et al.
Çelebi, M., *see* Özsar, S. et al.
Chan, J.S.D., Nie, Z.-R. (Montreal, Que., Canada) and Pang, S.C. (Kingston, Ont., Canada)
Cellular localization of ovine placental lactogen using monoclonal antibodies 33
Ciereszko, A., Jabłonowska, Cz. and Strzeżek, J. (Olsztyn, Poland)
Aspartate aminotransferase activity in motile and immotile spermatozoa fractions of frozen-thawed boar semen obtained after filtration on columns filled with chitin 237
Clapper, J.A., Ottobre, J.S., Ottobre, A.C. and Zartman, D.L. (Columbus, OH, U.S.A.)
Estrual rise in body temperature in the bovine. I. Temporal relationships with serum patterns of reproductive hormones 89
Clarke, I.J., *see* Wright, P.J. et al.
Claus, R. (Stuttgart, F.R.G.), Meyer, H.-D. (Freising-Weihenstephan, F.R.G.), Giménez, T. (Clemson, SC, U.S.A.), Hoang-Vu, C. and Münster, E. (Stuttgart, F.R.G.)
Effect of seminal oestrogens of the boar on prostaglandin $F_{2\alpha}$ release from the uterus of the sow 145
Copin, M., *see* Hochereau-De Reviers, M.-T. et al.
Cornu, C., *see* Hochereau-De Reviers, M.-T. et al.
Crabo, B.G., *see* Fayemi, O.E. et al.
Daader, A.H., *see* El-Gaafary, M.N. et al.
Dawuda, P.M., Esievo, K.A.N., Eduvie, L.O., Molokwu, E.C.I. and Olorunju, S.A.S. (Zaria, Nigeria)
Inverse relationship between skimmed milk progesterone and somatic cell counts during gestation and postpartum periods in Bunaji Zebu cows 1
Deligeorgis, S.G., *see* Bizelis, J.A. et al.
Dominguez, R., *see* Rosales, A.M. et al.
Eduvie, L.O., *see* Dawuda, P.M. et al.
Einer-Jensen, N., *see* Stefańczyk-Krzymowska, S. et al.
El-Gaafary, M.N., Daader, A.H. and Ziedan, A. (Zagazig, Egypt)
Effects of caffeine on bull semen quality and sperm penetration into cervical mucus 13

Elsen, J.-M., *see* Hochereau-De Reviers, M.-T. et al.
Esbenshade, K.L., *see* Ziecik, A.J. et al.
Esievo, K.A.N., *see* Dawuda, P.M. et al.
Ezov, N., *see* Schindler, D. et al.
Fayemi, O.E., Joo, H.S. and Crabo, B.G. (St. Paul, MN, U.S.A.)
Effect of immunization with sperm or seminal plasma on spermatozoal quality in boars 245
Fennessy, P.F., *see* Fisher, M.W. et al.
Fisher, M.W., Fennessy, P.F. and Johnstone, P.D. (Mosgiel, New Zealand)
The timing of melatonin treatment affects the seasonal onset of ovarian activity, coat growth and live weight in young red deer hinds 49
Fisher, M.W., *see also* Jopson, N.B. et al.
Fontaine, I., *see* Hochereau-De Reviers, M.-T. et al.
Fukuda, Y., *see* Yamazaki, Y. et al.
Geytenbeek, P.E., *see* Wright, P.J. et al.
Giménez, T., *see* Claus, R. et al.
Ginther, O.J., *see* Kastelic, J.P. et al.
Güven, B., *see* Özsar, S. et al.
Haibel, G.K., *see* Mosher, M.D. et al.
Hanrahan, J.P., *see* Jordan, B.T. et al.
Hau, J., *see* Andersen, L.L.I. et al.
Hazeleger, W., *see* Soede, N.M. et al.
Heaney, D.P., *see* Shrestha, J.N.B. and Heaney, D.P.
Hernandez-Perez, O., *see* Rosales, A.M. et al.
Hoang-Vu, C., *see* Claus, R. et al.
Hochereau-De Reviers, M.-T. (Nouzilly, France), Copin, M. (Montpellier, France), Seck, M., Monet-Kuntz, C., Cornu, C., Fontaine, I., Perreau, C. (Nouzilly, France), Elsen, J.-M. (Tolosan, France) and Boomarov
Stimulation of testosterone production by PMSG injection in the ovine male: effect of breed and age and application to males carrying or not carrying the "F" Booroola gene 21
Homeida, A.M. (Khartoum, Sudan)
A gonadotrophin-like bioactivity of the serum of pregnant camel (*Camelus dromedarius*) 327
Howard, H.J., *see* Ziecik, A.J. et al.
Inaba, T., *see* Kawate, N. et al.
Ishibashi, I., *see* Yamazaki, Y. et al.
Jabłonowska, Cz., *see* Ciereszko, A. et al.
Johnstone, P.D., *see* Fisher, M.W. et al.
Joo, H.S., *see* Fayemi, O.E. et al.
Jopson, N.B., Fisher, M.W. and Suttie, J.M. (Mosgiel, New Zealand)
Plasma progesterone concentrations in cycling and in ovariectomised red deer hinds: the effect of progesterone supplementation and adrenal stimulation 61
Jordan, B.T. (Dublin, Ireland), Hanrahan, J.P. (Tuam, Ireland) and Roche, J.F. (Dublin, Ireland)
The effect of melatonin implantation in the middle of the breeding season on the subsequent reproductive activity of Scottish Blackface ewes 41
Kalkandelen, G., *see* Özsar, S. et al.
Kamiński, T., *see* Stefańczyk-Krzymowska, S. et al.
Kastelic, J.P., Knopf, L. and Ginther, O.J. (Madison, WI, U.S.A.)
Effect of day of prostaglandin $F_{2\alpha}$ treatment on selection and development of the ovulatory follicle in heifers 169

Kawate, N., Inaba, T. and Mori, J. (Osaka, Japan)
A quantitative comparison in the bovine of steroids and gonadotropin receptors in normally developing follicles and in follicular and luteinized cysts 273
Kendall, J.Z., *see* Randall, G.C.B. et al.
King, G.J., *see* Ryan, P.L. et al.
Kiracofe, G.H., *see* Bolt, D.J. et al.
Knopf, L., *see* Kastelic, J.P. et al.
Kotwica, J., *see* Stefańczyk-Krzymowska, S. et al.
Krzymowski, T., *see* Stefańczyk-Krzymowska, S. et al.
Lehrer, A.R., *see* Schindler, D. et al.
Lewis, G.S., *see* Schindler, D. et al.
Liptrap, R.M., *see* Stubbings, R.B. et al.
Mercado, E., *see* Rosales, A.M. et al.
Meyer, H.-D., *see* Claus, R. et al.
Mohan, J., Moudgal, R.P. (Izatnagar, India) and Singh, N.B. (Bareilly, India)
Angiotensin-converting-enzyme activity in epididymis, vas deferens and spermatozoa of domestic cock (*Gallus domesticus*) 349
Molokwu, E.C.I., *see* Dawuda, P.M. et al.
Monet-Kuntz, C., *see* Hochereau-De Reviers, M.-T. et al.
Mori, J., *see* Kawate, N. et al.
Mosher, M.D., Ottobre, J.S., Haibel, G.K. and Zartman, D.L. (Columbus, OH, U.S.A.)
Estrual rise in body temperature in the bovine. II. The temporal relationship with ovulation 99
Moudgal, R.P., *see* Mohan, J. et al.
Münster, E., *see* Claus, R. et al.
Naito, K., *see* Yamazaki, Y. et al.
Nie, Z.-R., *see* Chan, J.S.D. et al.
Olorunju, S.A.S., *see* Dawuda, P.M. et al.
Ottobre, A.C., *see* Clapper, J.A. et al.
Ottobre, J.S., *see* Clapper, J.A. et al.; Mosher, M.D. et al.
Özsar, S., Güven, B., Çelebi, M., Kalkandelen, G. (Ankara, Turkey) and Van de Wiel, D.F.M. (Zeist, The Netherlands)
Testosterone and LH concentrations in the male Angora goat during puberty 319
Pang, S.C., *see* Chan, J.S.D. et al.
Paterson, A.M. (South Perth, W.A., Australia) and Pearce, G.P. (Deer Park, Vic., Australia)
Attainment of puberty in domestic gilts reared under long-day or short-day artificial light regimens 135
Pearce, G.P., *see* Paterson, A.M. and Pearce, G.P.
Perreau, C., *see* Hochereau-De Reviers, M.-T. et al.
Poulsen, O.M., *see* Andersen, L.L.I. et al.
Raeside, J.I., *see* Ryan, P.L. et al.
Randall, G.C.B. (Nepean, Ont., Canada), Kendall, J.Z. (Galveston, TX, U.S.A.), Tsang, B.K. (Ottawa, Ont., Canada) and Taverne, M.A.M. (Nepean, Ont., Canada)
Endocrine changes following infusion of fetal pigs with corticotropin in litters of reduced numbers 109
Robertson, H.A. (Victoria, B.C., Canada)
Book review of *Cell Biology of Egg Manipulation*, by T. Grieve, P. Hyttel and B.J. Weir (Editors) 87
Roche, J.F., *see* Jordan, B.T. et al.
Rogdakis, E., *see* Bizelis, J.A. et al.

Ron, M., *see* Schindler, D. et al.
Rosado, A., *see* Rosales, A.M. et al.
Rosales, A.M., Hernandez-Perez, O., Dominguez, R., Mercado, E. and Rosado, A. (Mexico, Mexico)
Proteolytic and antiproteolytic activities in goat antral follicles 213
Rosenberg, M., *see* Schindler, D. et al.
Ryan, P.L., King, G.J. and Raeside, J.I. (Guelph, Ont., Canada)
Direct effect of cortisol on steroid production by granulosa cells from PMSG-induced follicles of prepubertal gilts 75
Schindler, D. (Bet Dagan, Israel), Lewis, G.S. (Blacksburg, VA, U.S.A.), Rosenberg, M., Tadmor, A., Ezov, N., Ron, M., Aizinbud, E. and Lehrer, A.R. (Bet Dagan, Israel)
Vulvar electrical impedance in periparturient cows and its relation to plasma progesterone, oestradiol-17β and PGFM 283
Scott, V., *see* Bolt, D.J. et al.
Seck, M., *see* Hochereau-De Reviers, M.-T. et al.
Shrestha, J.N.B. and Heaney, D.P. (Ottawa, Ont., Canada)
Genetic basis of variation in reproductive performance. (2) Genetic correlation between gestation length and prolificacy in sheep 305
Singh, N.B., *see* Mohan, J. et al.
Soede, N.M., Hazeleger, W. and Van der Lende, T. (Wageningen, The Netherlands)
Effect of insemination conditions on reproductive performance during early pregnancy of gilts kept under different social conditions 335
Stefańczyk-Krzymowska, S., Krzymowski, T. (Olsztyn, Poland), Einer-Jensen, N. (Odense, Denmark), Kamiński, T. and Kotwica, J. (Olsztyn, Poland)
Local transfer of prostaglandin $F_{2\alpha}$ from the uterine lumen into the venous and arterial blood and into the uterine, mesometrial and ovarian tissue on Day 18 of pregnancy in the pig 223
Strzeżek, J., *see* Ciereszko, A. et al.
Stubbings, R.B., Liptrap, R.M. and Basrur, P.K. (Guelph, Ont., Canada)
The assessment of follicular parameters for the selection of oocytes recovered from superovulated heifers 181
Suttie, J.M., *see* Jopson, N.B. et al.
Tadmor, A., *see* Schindler, D. et al.
Taverne, M.A.M., *see* Randall, G.C.B. et al.
Tsang, B.K., *see* Randall, G.C.B. et al.
Van der Lende, T., *see* Soede, N.M. et al.
Van de Wiel, D.F.M., *see* Özsar, S. et al.
Wright, P.J. (Werribee, Vic., Australia), Geytenbeek, P.E. (Adelaide, S.A., Australia) and Clarke, I.J. (Melbourne, Vic., Australia)
The influence of nutrient status of post-partum ewes on ovarian cyclicity and on the oestrous and ovulatory responses to ram introduction 293
Yamazaki, Y., Ishibashi, I., Fukuda, Y. and Naito, K. (Towada, Japan)
In vitro developmental capacity of mouse follicular oocytes recovered at various times after hCG injection and matured in vitro 253
Zartman, D.L., *see* Clapper, J.A. et al.; Mosher, M.D. et al.
Ziecik, A.J., Esbenshade, K.L., Howard, H.J. and Britt, J.H. (Raleigh, NC, U.S.A.)
Sex-related differences in the control of gonadotropin concentrations in neonatal pigs .. 123
Ziedan, A., *see* El-Gaafary, M.N. et al.